## REMARKS

Claims 1-3, 9-11, 17-19, 25, 27, 29, and 31-33 remain pending. Reconsideration of the application is respectfully requested.

### Specification

Since the inventor is one individual, the introduction to the Claims section is requested to be amended to "I claim:." Applicant hereby includes an amended introduction in the enclosed clean version of the amended claims.

### Rejection of Claims Pursuant to 35 U.S.C. § 112

Claims 1-30 were rejected under 35 U.S.C. § 112, second paragraph, for failure to particularly point out and distinctly claim the subject matter which Applicant regards as his invention, specifically by way of use in the claims of a negative limitation: "without a reduction gear."

With respect to these claims, Applicant has amended these claims by removing this limitation and requiring a reluctance motor.

Applicants therefore respectfully suggest that, as amended, these claims are in condition for allowance.

### Rejection of Claims Pursuant to 35 U.S.C. § 102

Claims 1-33 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,092,338 to Crowner et al., U.S. Patent No. 5,537,778 to Bardwell et al. and U.S. Patent No. 6,046,562 to Emil.

Applicant has amended claims 1-3, 9-11, 17-19, 25, 27, 29, and 31-33 and clarified in each of these claims that a reluctance motor is required. None of referenced patents teach or suggest use of such a motor. As Applicant pointed out in the specification, use of a reluctance motor eliminates the need for reduction gears and other pieces of machinery. See page 7, line 34 to page 8, line 4 of Applicant's specification. Speed reduction gearing is shown and described in Crowner (see Figs. 3-5) and in Bardwell (see Figs. 12 and 13). Applicants thus respectfully request that, as amended, the claims be advanced to allowance.

### Conclusion

In light of the above amendments and remarks, Applicants earnestly believe their application to be allowable over the cited art and respectfully request that it be passed to issue. If

any additional fees are due in this matter, please charge our deposit account 502323.

Respectfully submitted, May 12, 2003

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**The following is a clean set of the claims set forth above.**

I claim:

1. (Amended) A security gate operating system, comprising:

a security gate capable of motion between a closed position and an open position; and

a drive mechanism including a reluctance motor having a shaft, connected to the security gate and adapted to provide with application of electric power a driving force to the security gate to move the security gate between the closed position and the open position.

2. (Amended) The system of claim 1, wherein the motor is a switched reluctance motor.

3. (Amended) The system of claim 1, wherein the motor is a three phase switched reluctance motor.

9. (Amended) The system of claim 1, wherein the drive mechanism further comprises:

a drive chain operatively connected to the security gate;

a drive sprocket attached directly to the shaft of the motor, with the drive sprocket in operative connection to the drive chain.

10. (Amended) The system of claim 2, wherein the drive mechanism further comprises:

a drive chain operatively connected to the security gate;

a drive sprocket attached directly to the shaft of the motor, with the drive sprocket in operative connection to the drive chain.

11. (Amended) The system of claim 3, wherein the drive mechanism further comprises:

a drive chain operatively connected to the security gate;

a drive sprocket attached directly to the shaft of the motor, with the drive sprocket in operative connection to the drive chain.

17. (Amended) The system of claim 1, wherein the drive mechanism further comprises:

at least one drive arm directly connected to the motor shaft and operatively connected to the security gate.

18. (Amended) The system of claim 2, wherein the drive mechanism further comprises:

at least one drive arm directly connected to the motor shaft and operatively connected to the security gate.

19. (Amended) The system of claim 3, wherein the drive mechanism further comprises:

at least one drive arm directly connected to the motor shaft and operatively connected to the security gate.

25. (Amended) A method of operating a security gate, comprising:

providing a security gate capable of motion between a closed position and an open position;

providing a drive mechanism including a reluctance motor, connected to the security gate and adapted to provide with application of electric power a driving force to the security gate to move the security gate between the closed position and the open position; and

applying electric power to the motor to move the security gate.

27. (Amended) The method of claim 25, wherein the motor is a switched reluctance motor.

29. (Amended) The method of claim 25, wherein the motor is a three phase switched reluctance motor.

31. (Amended) A security gate operating system, comprising:

a security gate capable of motion from a closed position to an open position; and

a drive mechanism including a reluctance motor, attached to the security gate and adapted

to provide with application of electric power a driving force to the security gate to move the security gate from the closed position to the open position.

32. (Amended) The system of claim 31, wherein the motor is a switched reluctance motor.

33. (Amended) The system of claim 31, wherein the motor is a three phase switched reluctance motor.

34. (New) A security gate operating system, comprising:

a security gate means capable of motion between a closed position and an open position; and

a drive mechanism means including a reluctance motor means, connected to the security gate means and adapted to provide with application of electric power a driving force to the security gate means to move the security gate means between the closed position and the open position.

35. (New) The system of claim 34, wherein the motor means is a switched reluctance motor.

36. (New) The system of claim 34, wherein the motor means is a three phase switched reluctance motor.